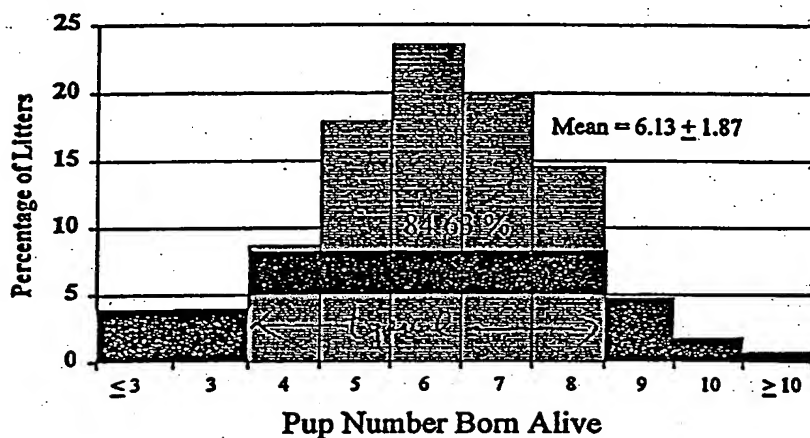


**Figure 1. Frequency occurrence for number of pups born.**



**Figure 2. Percentage of bitches with subsequent parity decline or increase in litter size relative to previous parity.**

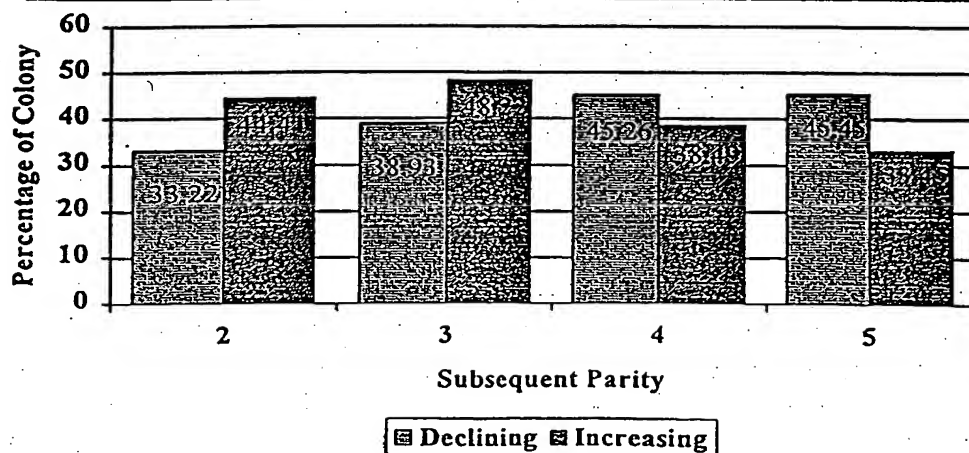


Figure 3. Frequency plot of pup number born for colony II across diets.

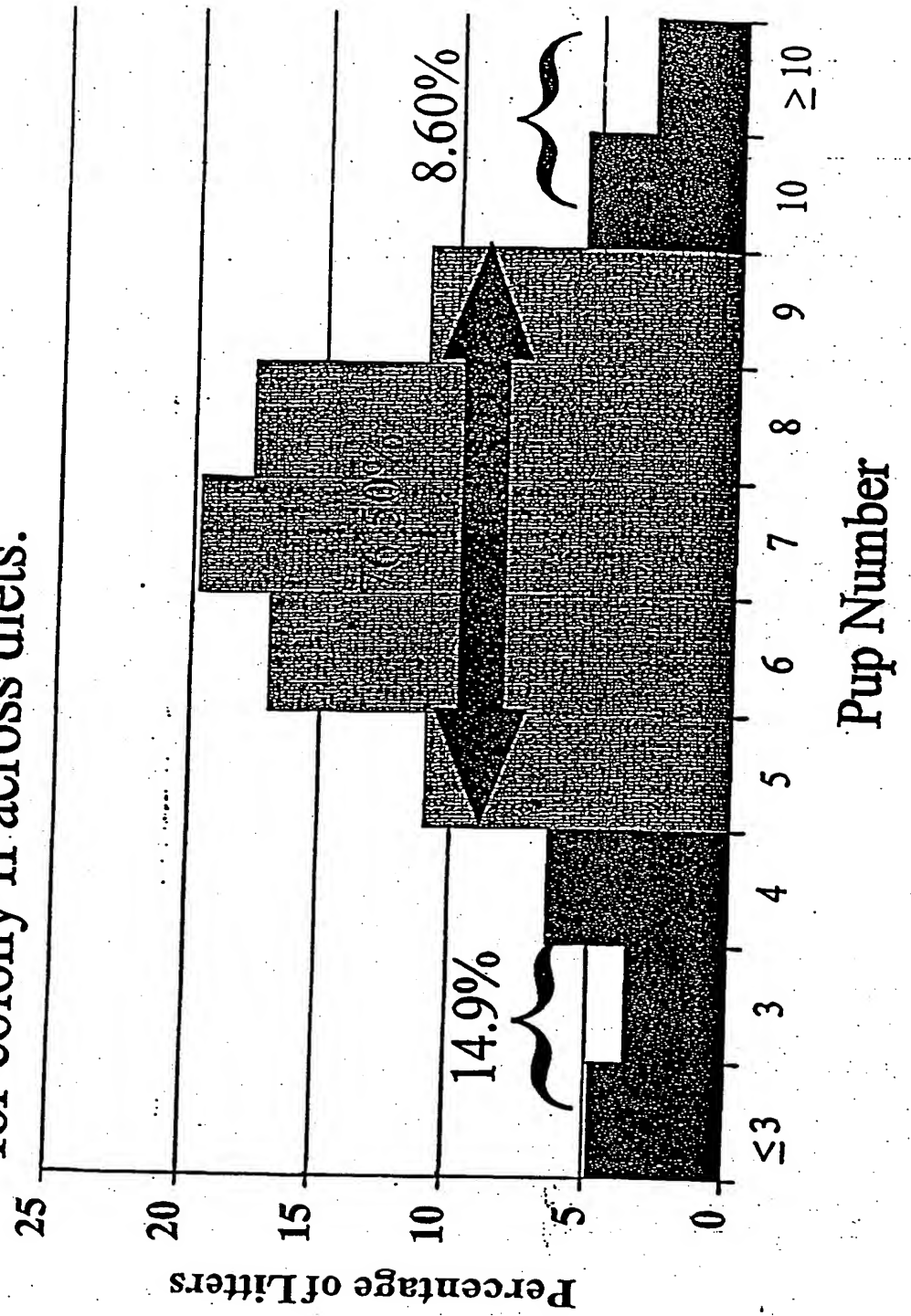


Figure 4. Frequency plot of pup number born for colony II - Diet I

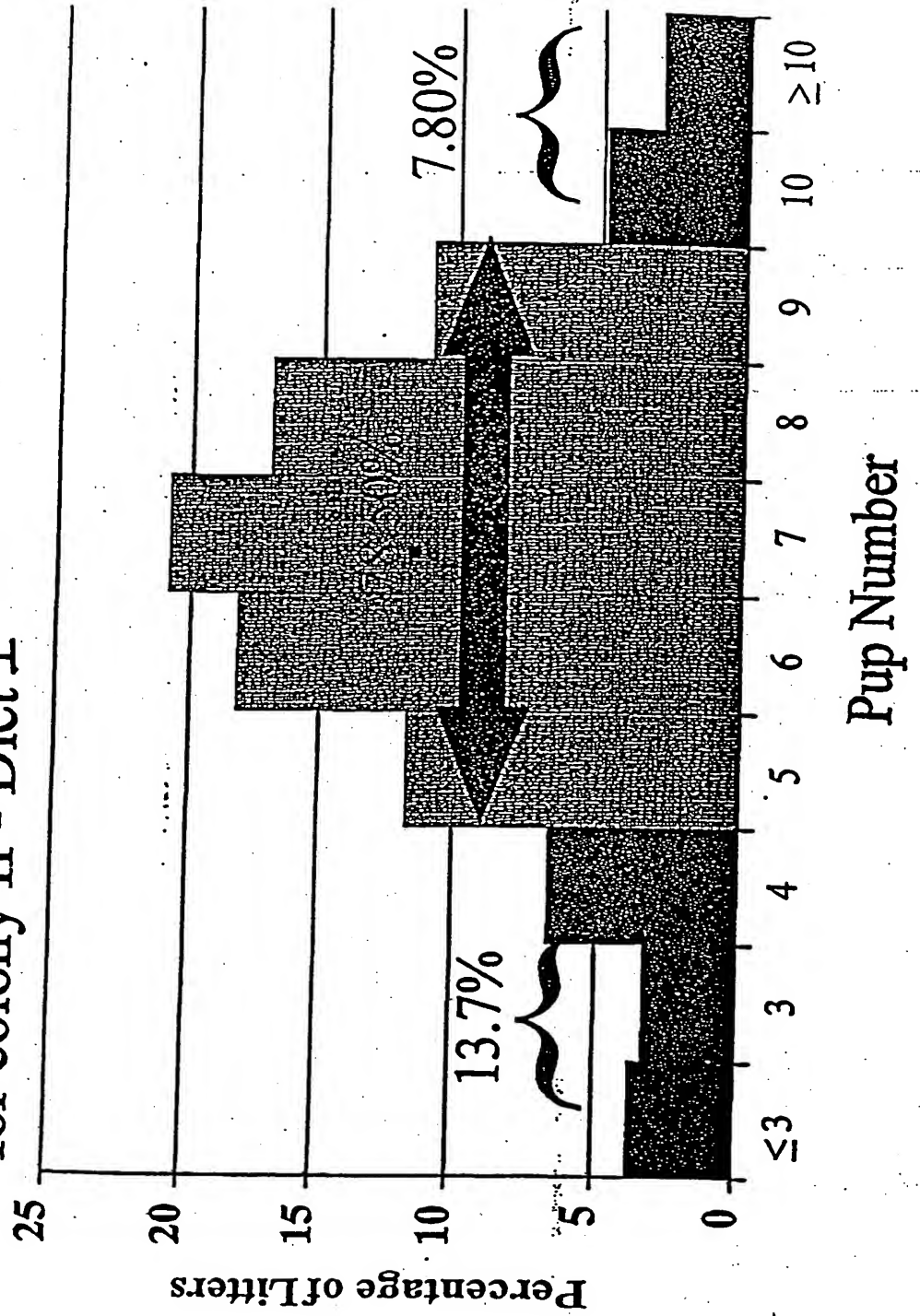


Figure 5. Frequency plot of pup number born for colony II - Diet II

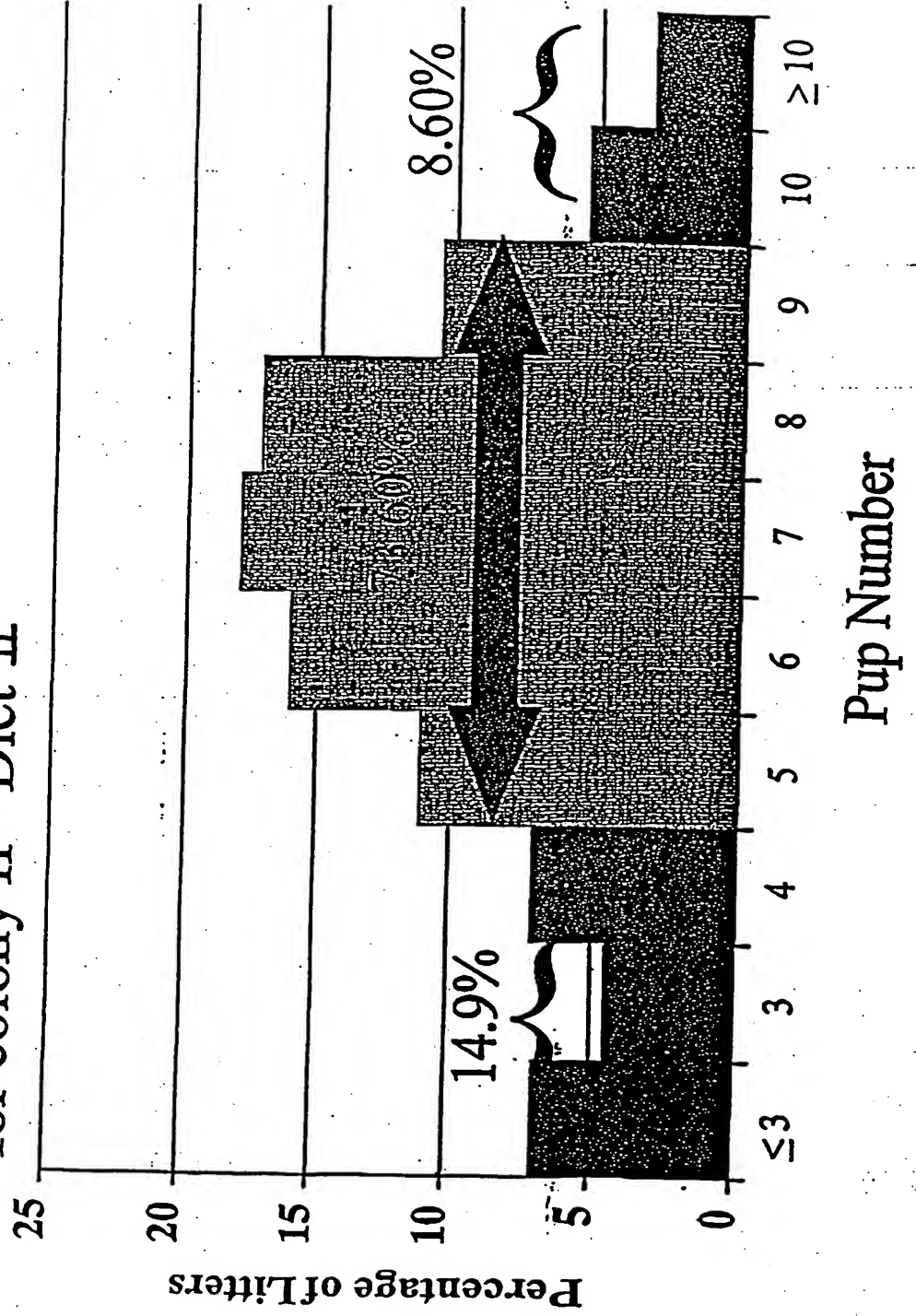


Figure 6. Frequency plot of pup number born for colony II - diet III

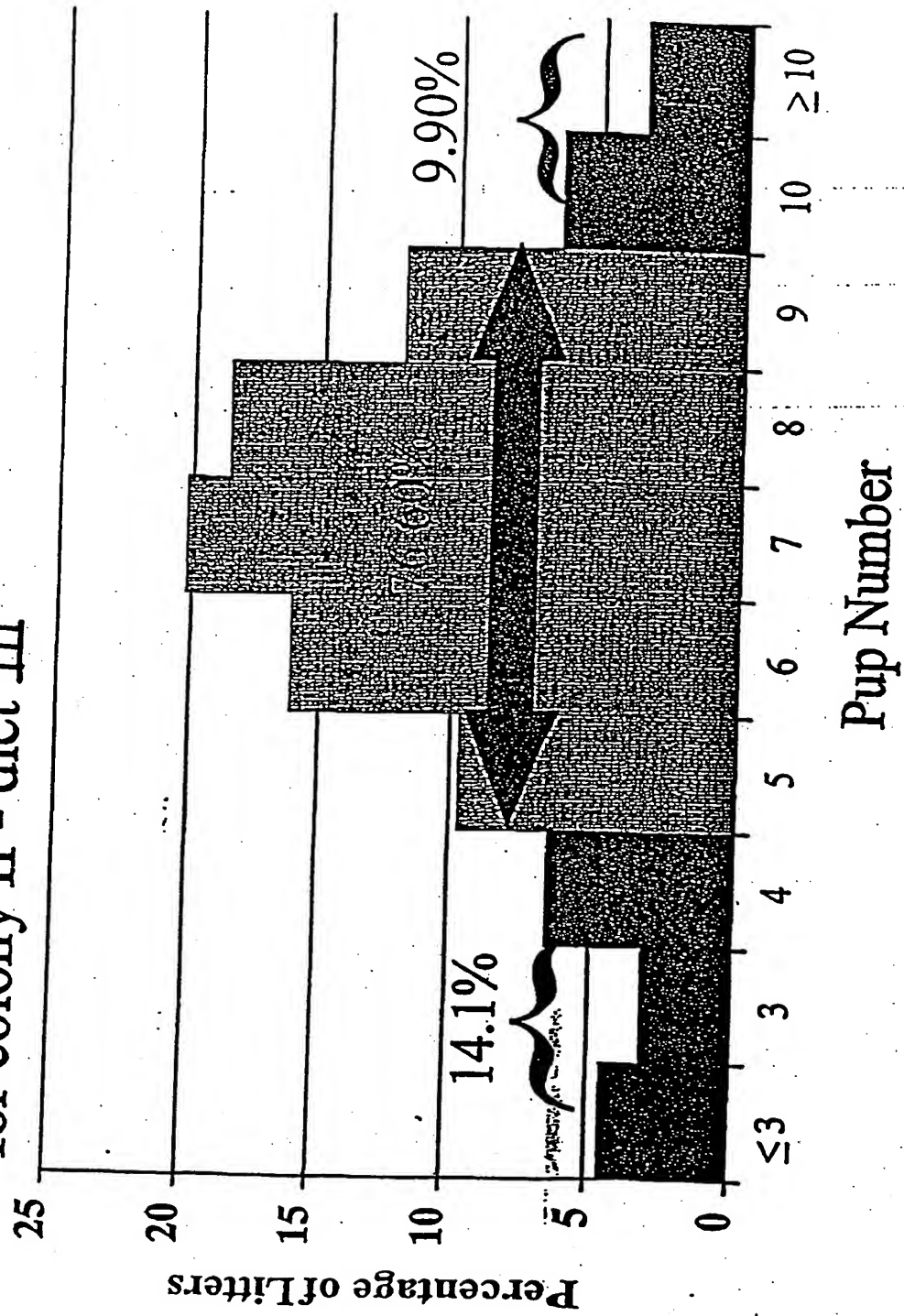
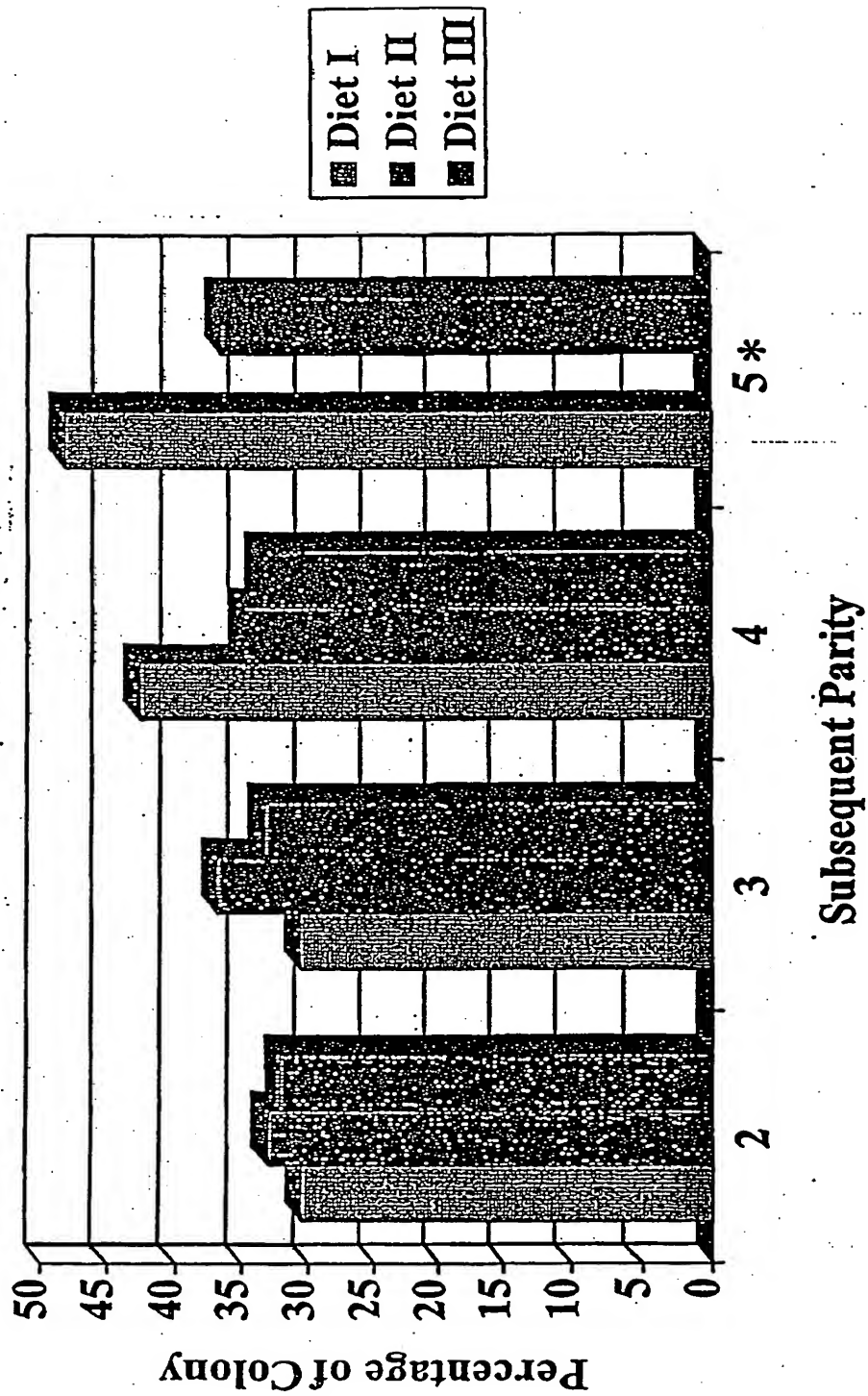


Figure 7. Percentage of colony decreasing in litter size relative to previous litter.



\*Insufficient animal numbers for Diet II

Fig. 8

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Effect of diet on age at first estrus.

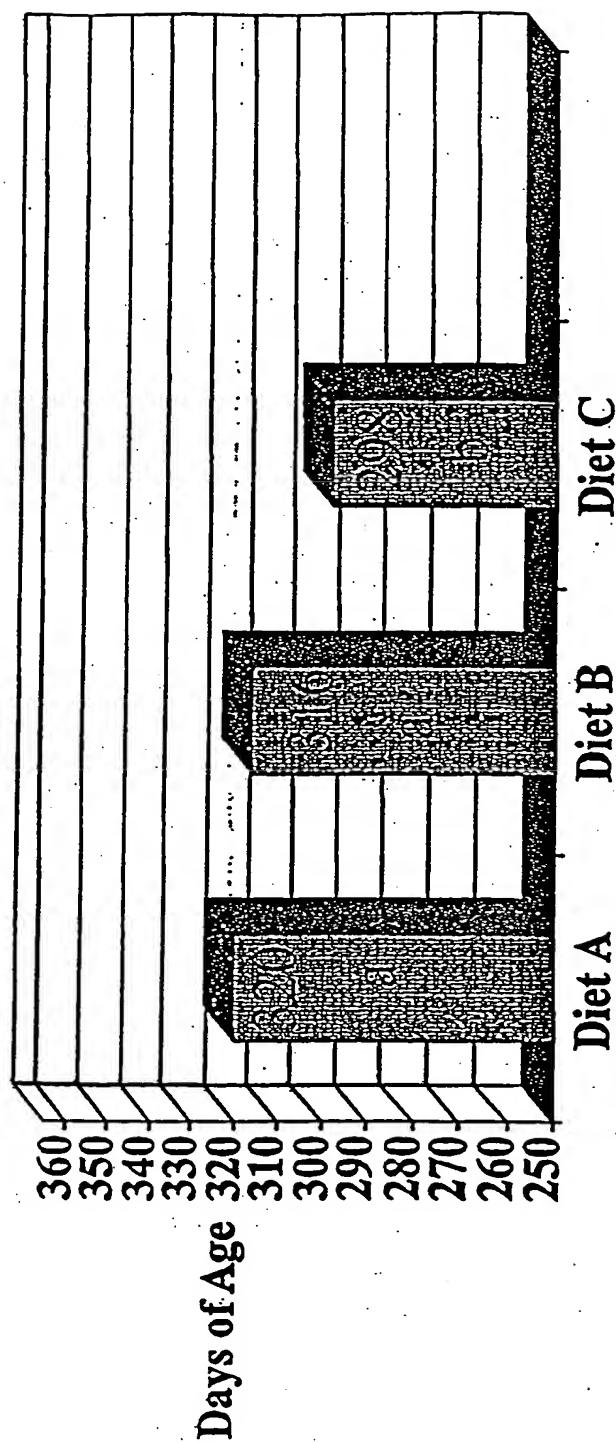


Fig. 9

# Effect of Parity on Feline Litter Size -Number Born

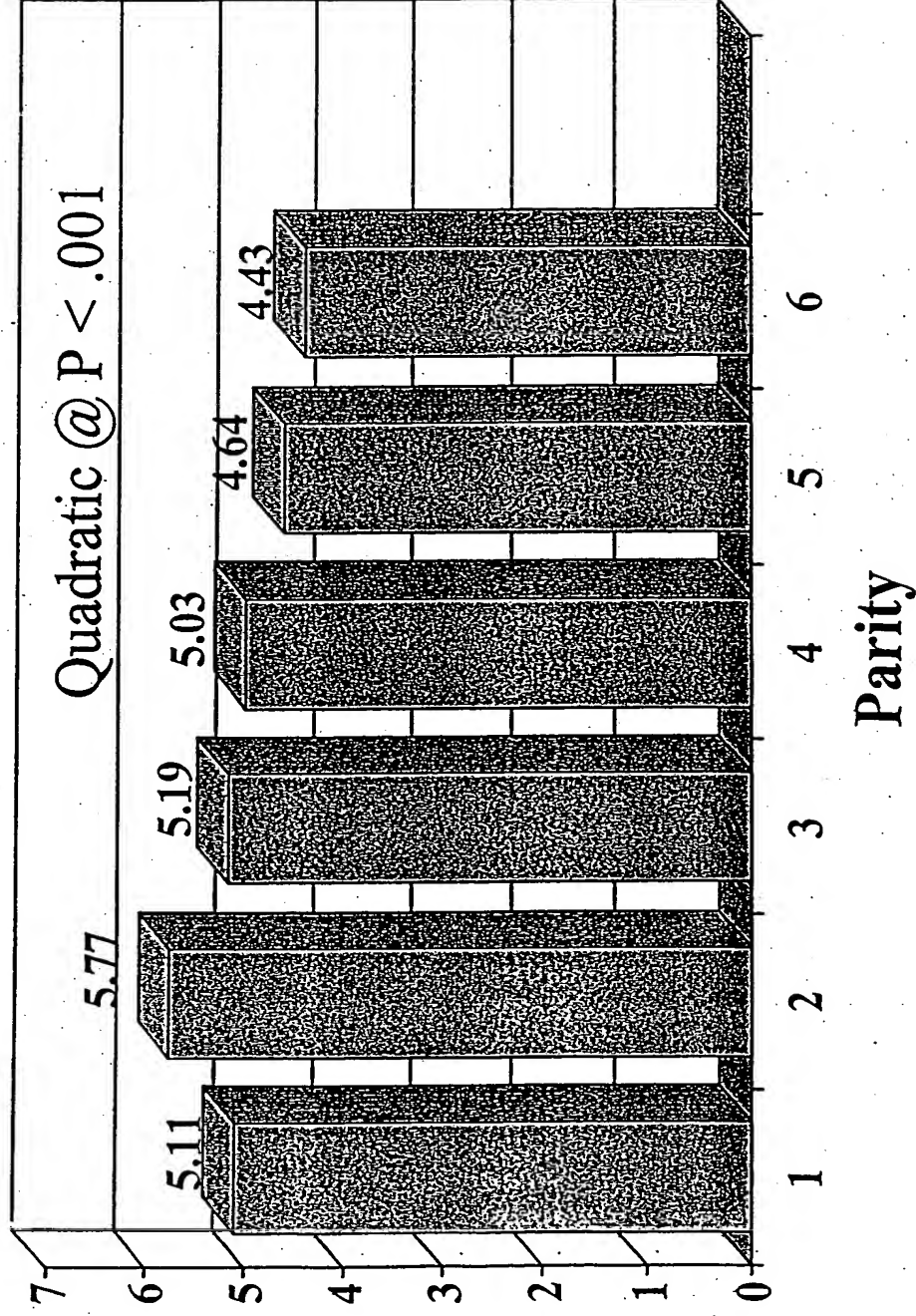




Fig. 10

# Effect of Parity on Feline Litter Size -Number Weaned

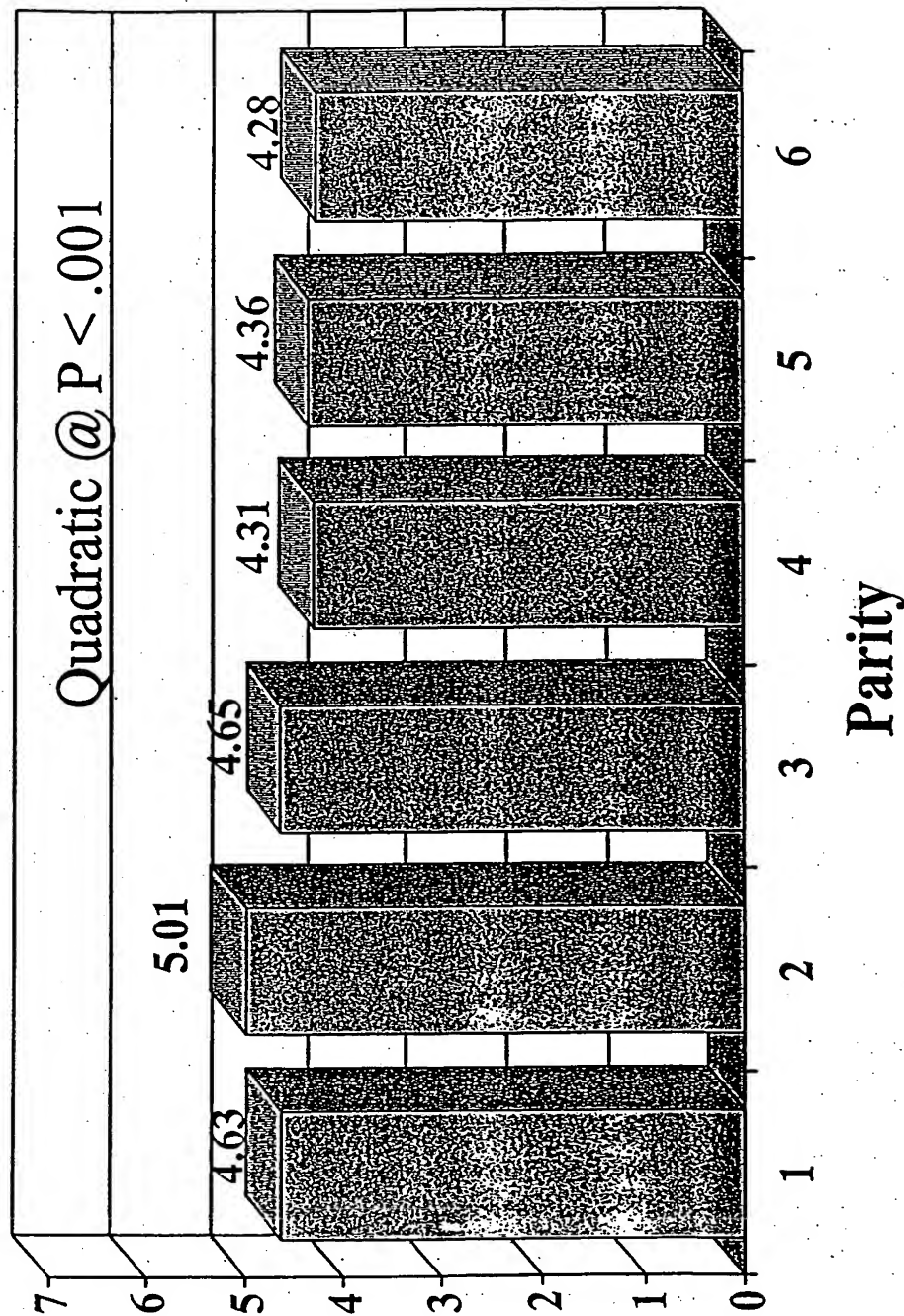
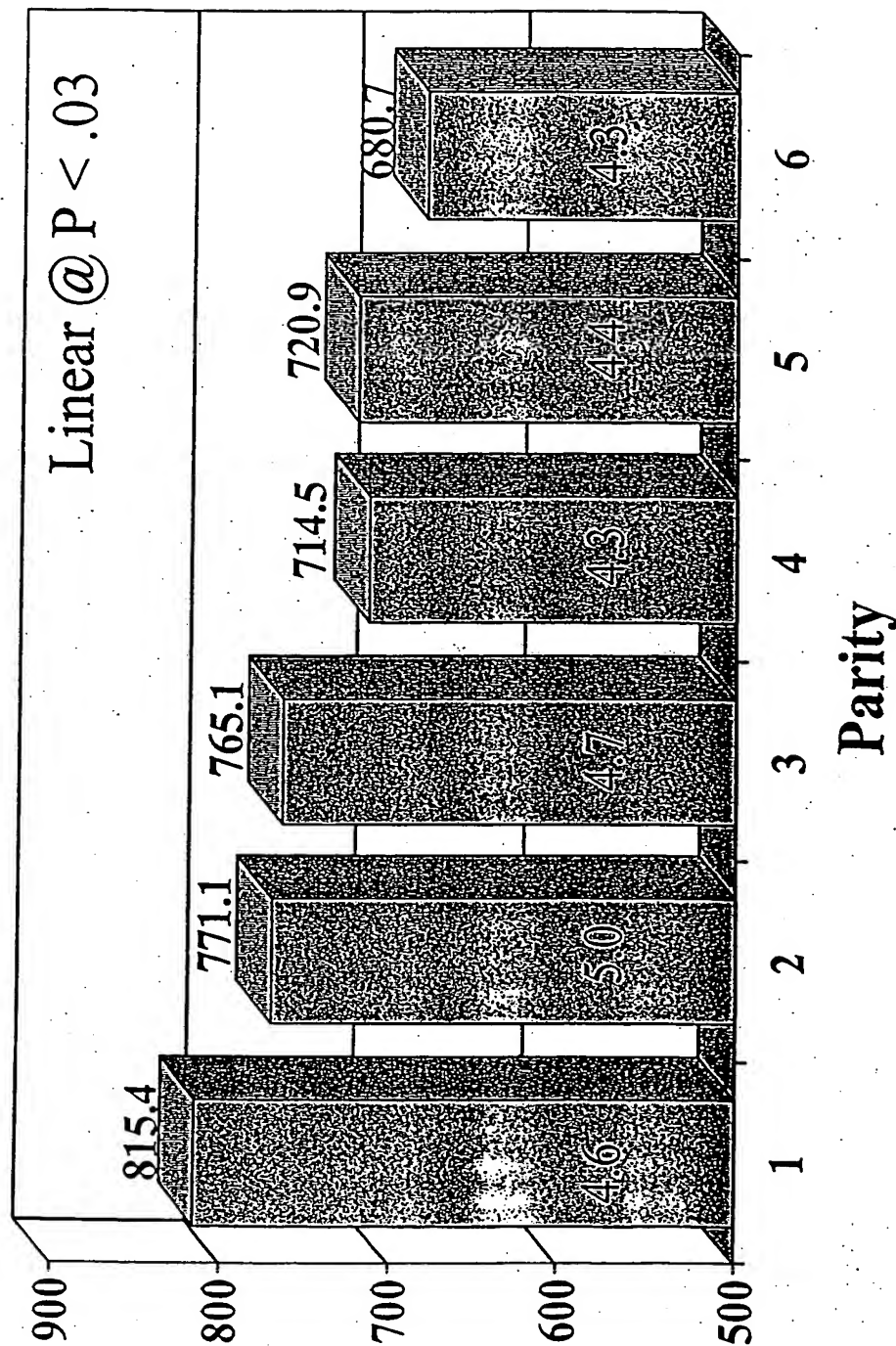


Fig. 11

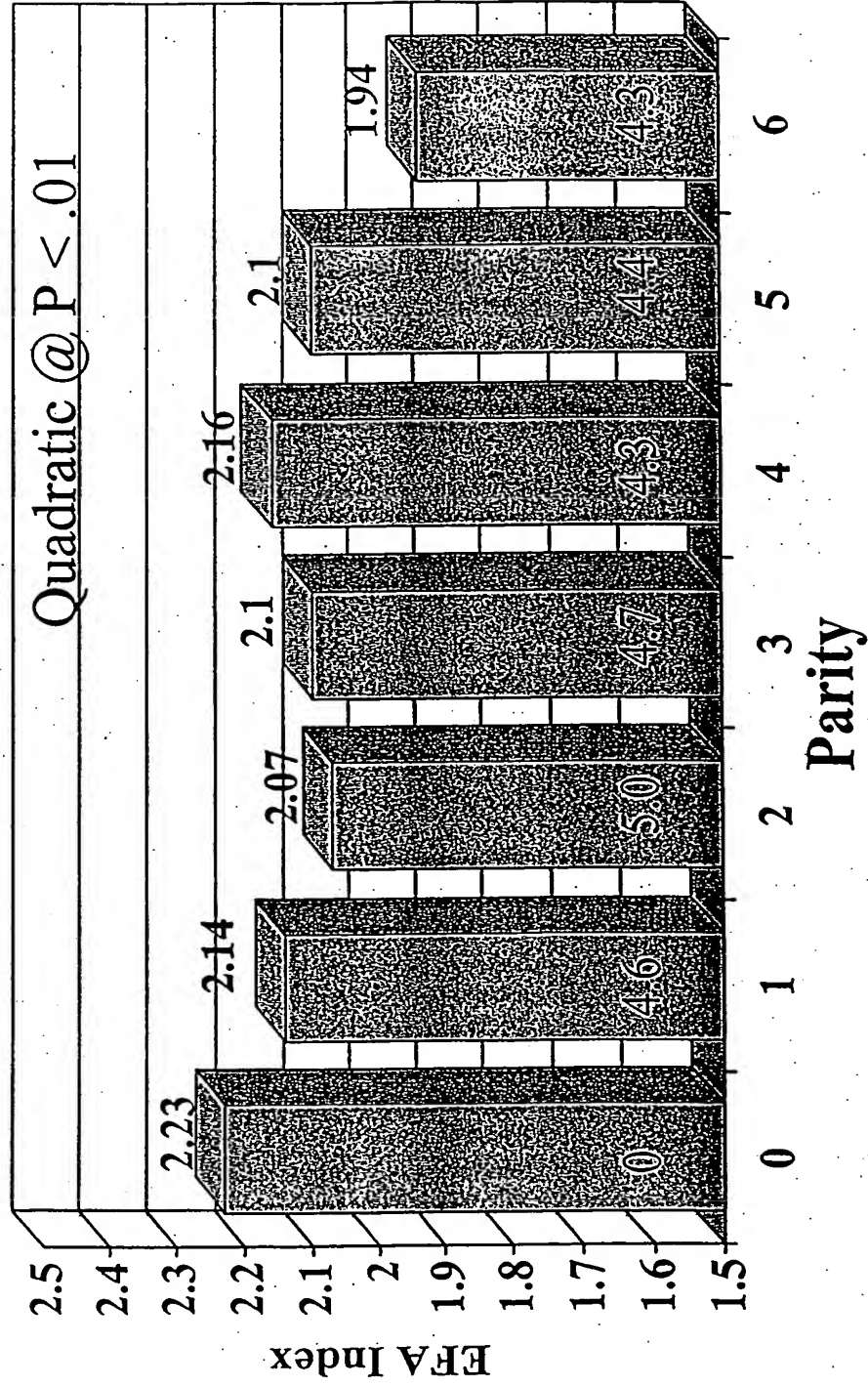
# Effect of Parity on Feline Litter Weaning Weight



Numbers at lower portion of bars denote average litter size at sample collection

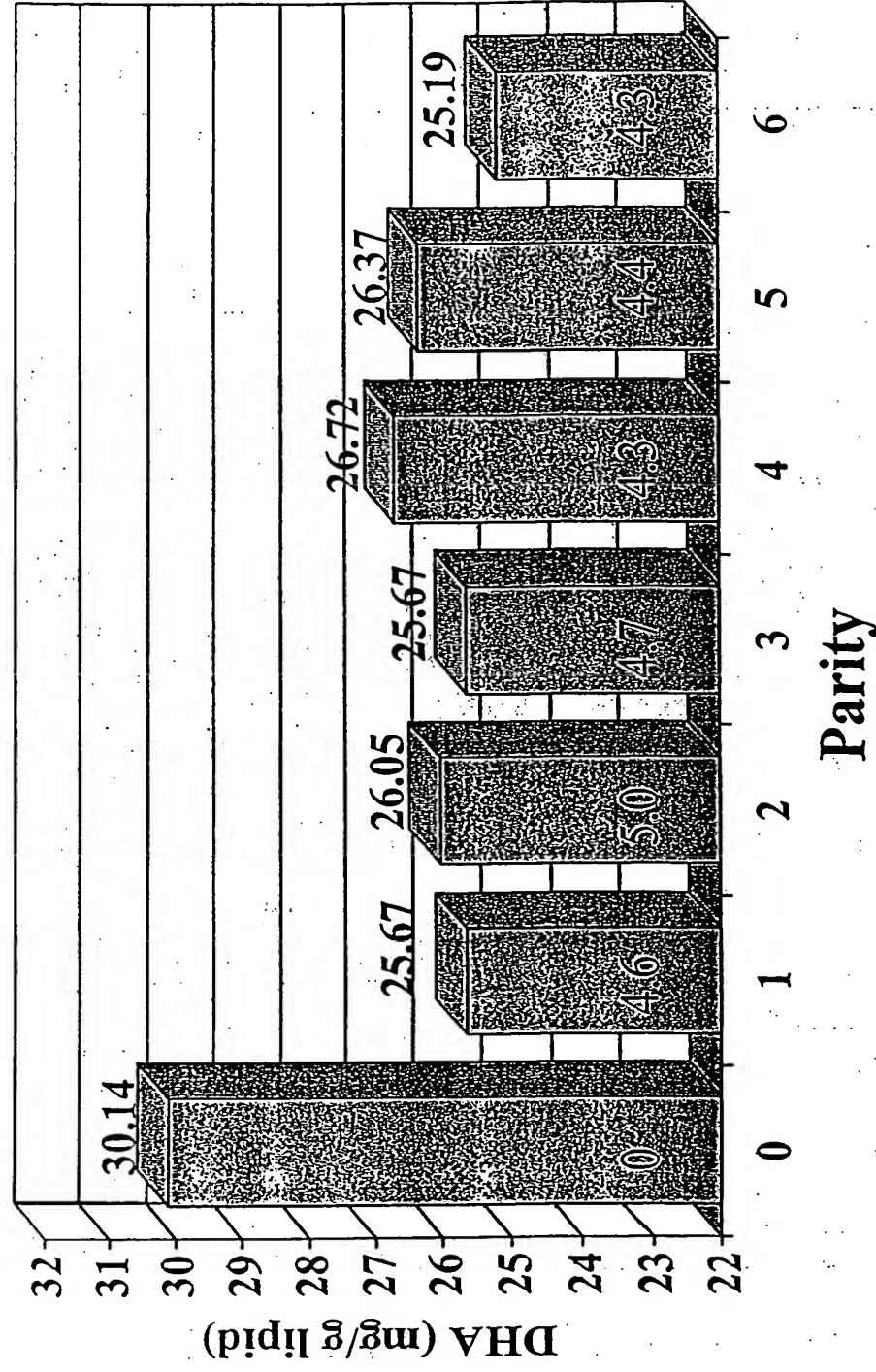
Fig. 12

# Effect of Parity on Feline Maternal EFA Status



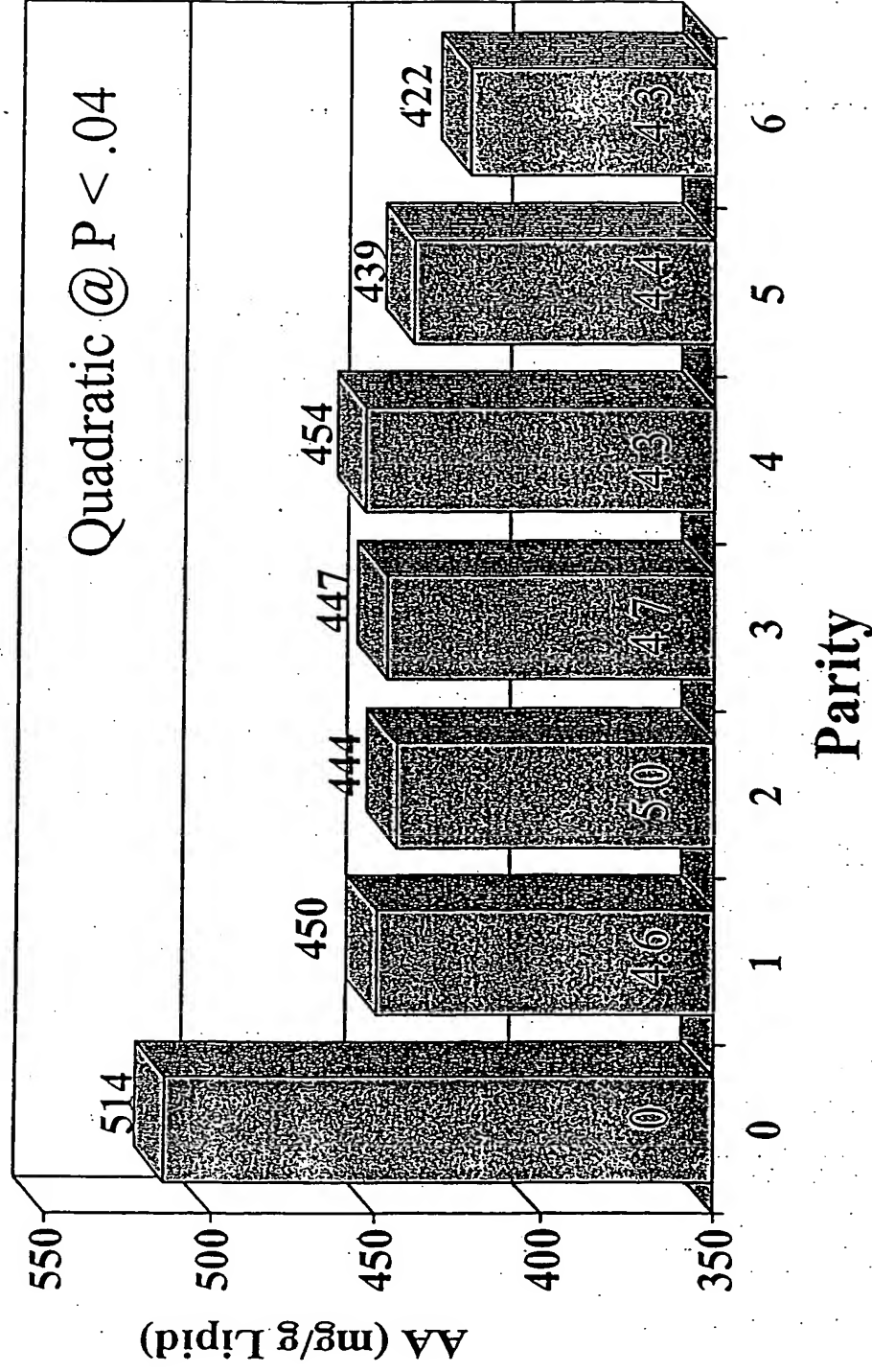
Numbers at lower portion of bars denote average litter size at sample collection

# Effect of Parity on DHA Content in Maternal Feline RBC Membranes



Numbers at lower portion of bars denote average litter size at sample collection

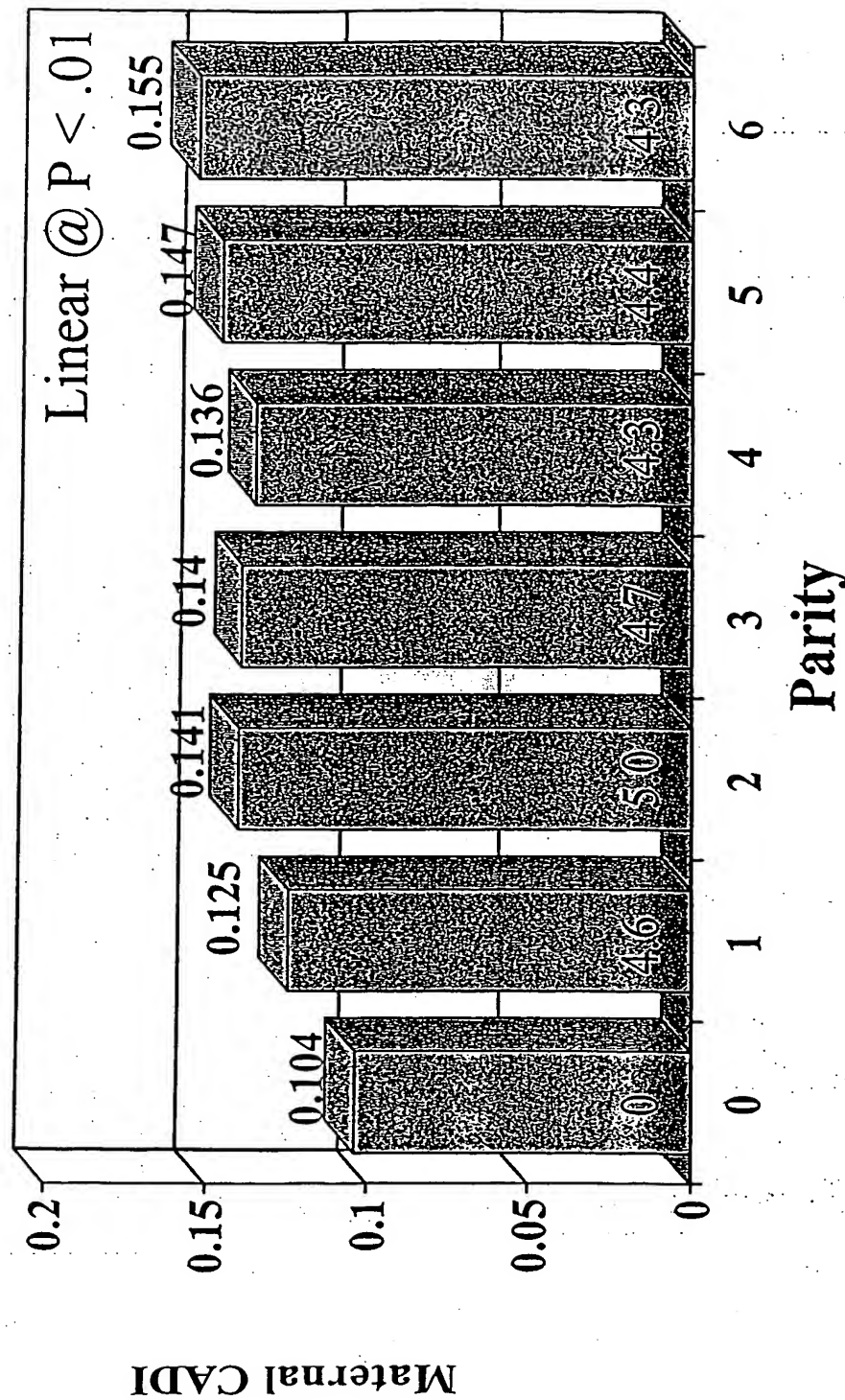
# Effect of Parity on AA Content in Maternal Feline RBC Membranes



Numbers at lower portion of bars denote average litter size at sample collection

Fig. 15

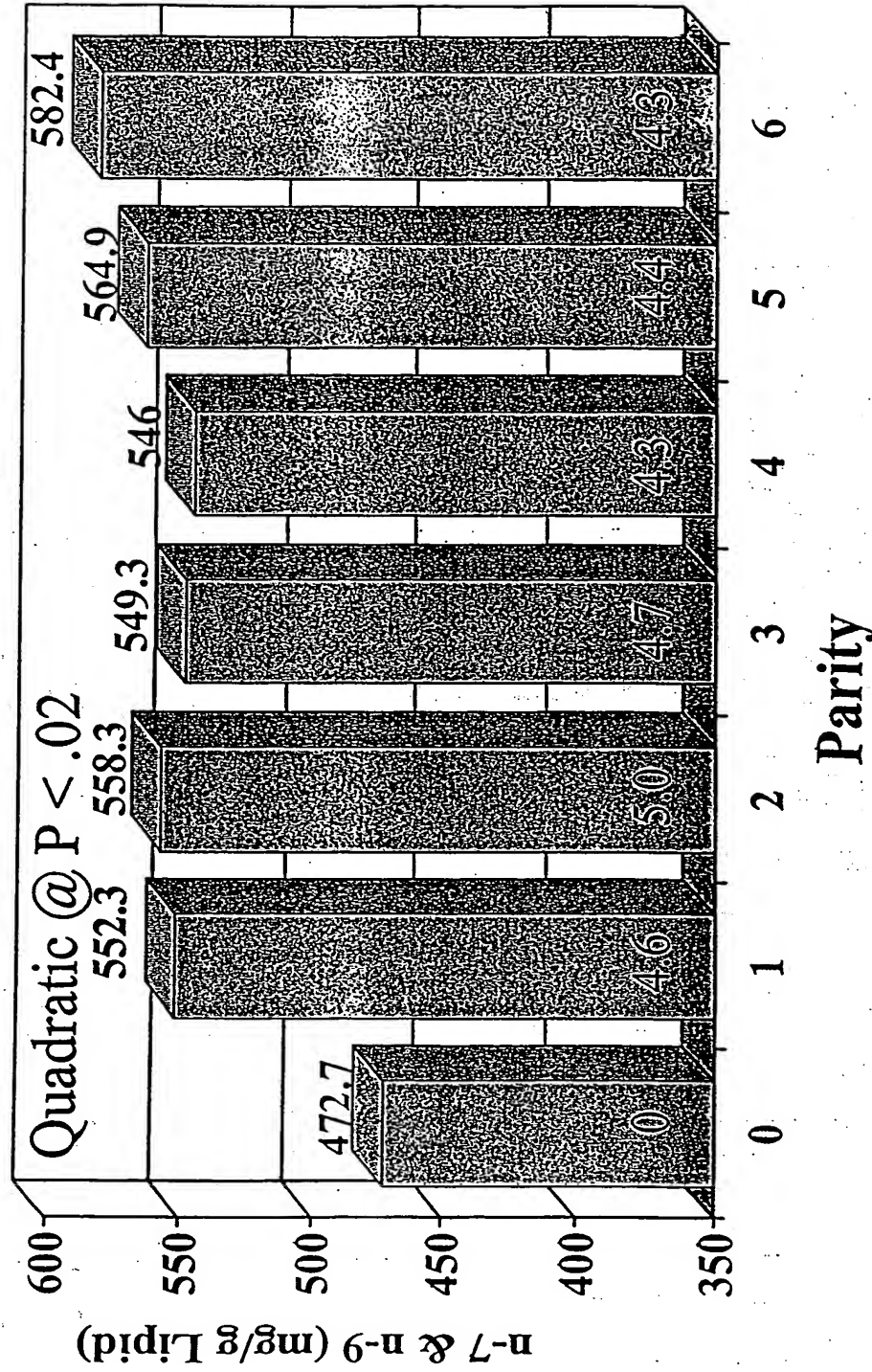
# Effect of Parity on Feline Maternal CADI



Numbers at lower portion of bars denote average litter size at sample collection



# Effect of Parity on Total n-7 and n-9 Content in Maternal Feline RBC Membranes



Numbers at lower portion of bars denote average litter size at sample collection

# Effect of Parity on Meads' Acid Content in Maternal Feline RBC Membranes

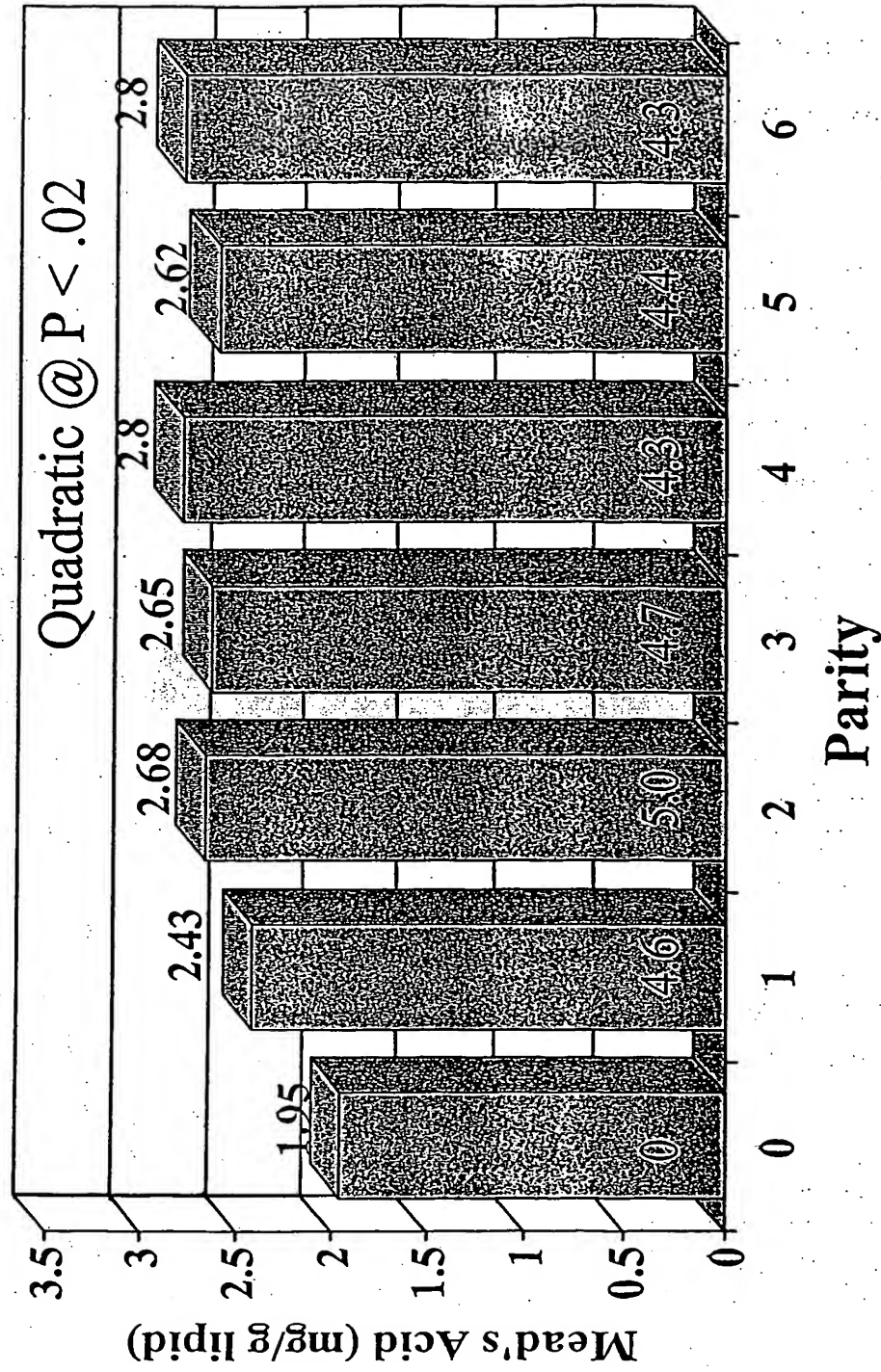




Fig 18

# Effect of Diet on Maternal EFA Index in the Cat

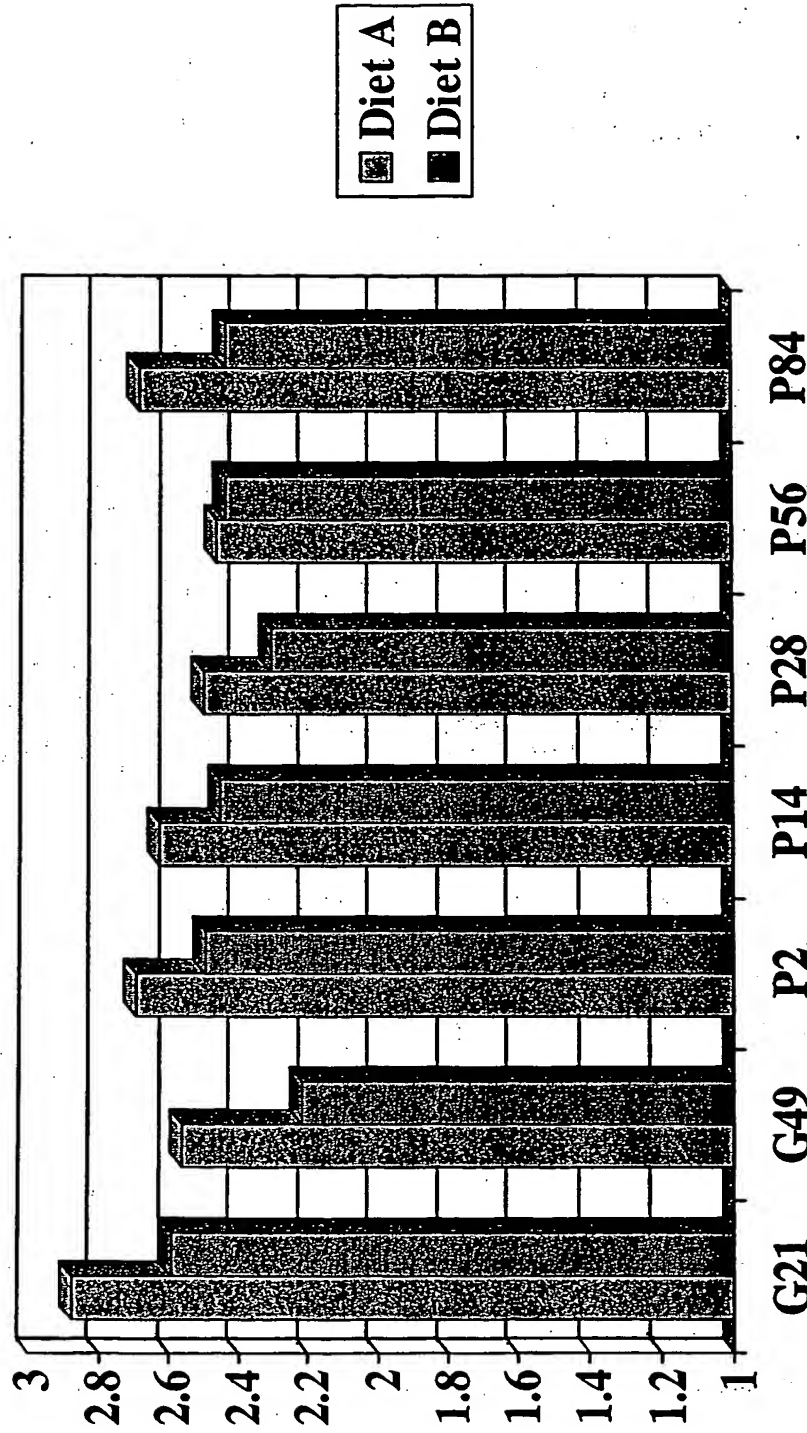


Fig 19

# Effect of Diet on Number of Kittens Weaned

